



Florida Agricultural Statistics Service  
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# CITRUS 2001-02 SUMMARY

## PRODUCTION, PRICE, AND VALUE

### PRODUCTION BY COUNTIES AND PER TREE



## FLORIDA AGRICULTURE

September 19, 2002

**FLORIDA CITRUS:** Production, utilization, season average on-tree price and value for the 2000-01 and 2001-02 seasons

Fruit type	Crop year	Production	Crop utilization		On-tree	
			Fresh use	Processing	Price per box	Value of production
		1,000 1-3/5 bushel boxes			Dollars	1,000 dol.
Early-Midseason-Navel Oranges	2000-01	128,000	6,225	121,775	2.60	332,991
	2001-02	128,000	6,424	121,576	2.46	314,542
Valencia Oranges	2000-01	95,300	3,477	91,823	4.02	383,064
	2001-02	102,000	3,100	98,900	3.99	406,834
All Oranges	2000-01	223,300	9,702	213,598	3.21	716,055
	2001-02	230,000	9,524	220,476	3.14	721,376
White Grapefruit <sup>1/</sup>	2000-01	18,700	3,968	14,732	2.07	38,728
	2001-02	18,900	3,530	15,370	1.95	36,919
Colored Grapefruit <sup>2/</sup>	2000-01	27,300	13,522	13,778	2.28	62,141
	2001-02	27,800	13,850	13,950	2.17	60,194
All Grapefruit	2000-01	46,000	17,490	28,510	2.19	100,869
	2001-02	46,700	17,380	29,320	2.08	97,113
Temples	2000-01	1,250	343	907	2.05	2,565
	2001-02	1,550	410	1,140	2.28	3,530
Tangelos	2000-01	2,100	742	1,358	1.27	2,671
	2001-02	2,150	696	1,454	2.37	5,086
K-Early Citrus	2000-01	40	21	19	2.10	84
	2001-02	30	6	24	1.07	32
Early Tangerines <sup>3/</sup>	2000-01	3,550	2,475	1,075	4.93	17,490
	2001-02	4,350	2,790	1,560	6.76	29,423
Honey Tangerines	2000-01	2,050	1,280	770	9.05	18,545
	2001-02	2,250	1,414	836	9.57	21,543
All Tangerines	2000-01	5,600	3,755	1,845	6.40	35,867
	2001-02	6,600	4,204	2,396	7.69	50,777
Limes	2000-01	250	220	30	12.00	2,999
	2001-02	150	125	25	6.19	929
Lemons	2000-01	265	--	--	3.50	921
	2001-02	85	--	--	3.50	299
All Citrus	2000-01	278,805	--	--	--	862,031
	2001-02	287,265	--	--	--	879,142

<sup>1/</sup> Includes seedy grapefruit. <sup>2/</sup> Excludes 2.0 million boxes of economic abandonment. <sup>3/</sup> Robinson, Fallglo, Sunburst, and Dancy varieties.

### PRODUCTION AND VALUE

Although the \$879 million preliminary on-tree value of the 2001-02 crop is 2.0 percent higher than the \$862 million revised value for 2000-01, it is lower than the value of the previous seven seasons. The 2000-01 season's crop value rose 13 percent with revisions to the processed portion. Total production this season increased 3.0 percent with the largest percentage gains and losses in the specialty crops. More Navel oranges, colored grapefruit, Temples, and tangerines were shipped fresh. Processed utilization is higher for all but the early-midseason oranges and limes. Preliminary on-tree prices per box are lower for oranges and grapefruit but higher for most of the specialty fruit.

Orange production is up 3.0 percent and the components of this third largest orange crop are the second largest Valencia crop, an early-midseason-Navel crop which ties last season for fourth largest, and the fourth largest Navel crop at 5,500,000 boxes. The weighted price is higher for Navels but lower for the other varieties. Increases in the crop value of Valencias and Navels offset the decrease in early-midseason fruit.

Grapefruit production is up 1.5 percent but the price per box is 5.0 percent lower and crop value is down 3.7 percent. Processed utilization of white grapefruit is greater than in three of the previous four seasons. Processed usage of colored grapefruit is greater than fresh usage for the third consecutive season.

Total utilization, price per box, and the value of production is higher for Temples, tangelos, and both categories of tangerines. Temple production is 24 percent higher than the record low of 2000-01. Tangelos have the largest percentage gain in price and value. The Sunburst variety comprised 81 percent of the early tangerine category, Fallglo contributed nearly 17 percent, and Robinson and Dancy combined for less than three percent. Honey tangerine production increased 10 percent. Record low levels of acid fruit were recorded and the value of production is down nearly 70 percent for limes and lemons. Production of K-Early citrus fell 25 percent setting a new low record, and the price and value are down from the previous season.

Prices for the 2001-02 season are preliminary and will be revised next September when the results of all participation plans and pools become final. Revised prices are shown for 2000-01. The table on page 8 shows a breakdown of citrus prices for all fruit types by usage for 2001-02 and the two previous seasons.

**FLORIDA CITRUS: Production by counties, areas, and types, 2001-2002**

County and Area	All Citrus <sup>1/</sup>	Round Oranges			Grapefruit		
		Early and Midseason	Late (Valencia)	All	White <sup>2/</sup>	Colored	All
					<i>1,000 boxes</i>		
Brevard	2,195	997	622	1,619	177	299	476
Charlotte	7,091	1,912	3,320	5,232	101	1,469	1,570
Collier	10,948	4,867	5,291	10,158	67	464	531
DeSoto	27,298	12,758	13,765	26,523	224	194	418
Glades	3,531	2,009	1,319	3,328	10	105	115
Hardee	21,267	15,288	5,342	20,630	84	160	244
Hendry	32,165	12,527	15,950	28,477	1,193	1,653	2,846
Hernando	389	364	7	371	1	3	4
Highlands	31,839	12,943	15,913	28,856	1,154	629	1,783
Hillsborough	9,815	7,406	1,946	9,352	65	121	186
Indian River	19,126	3,911	2,768	6,679	5,405	6,736	12,141
Lake	7,049	4,691	1,002	5,693	56	283	339
Lee	3,497	1,224	1,739	2,963	69	374	443
Manatee	9,109	5,485	3,187	8,672	190	86	276
Marion	398	294	43	337	2	9	11
Martin	12,624	4,140	6,660	10,800	1,209	346	1,555
Okeechobee	4,017	2,093	1,184	3,277	334	300	634
Orange	2,555	1,535	746	2,281	6	44	50
Osceola	5,959	3,565	1,374	4,939	412	403	815
Palm Beach	2,713	1,104	478	1,582	291	403	694
Pasco	4,378	3,462	735	4,197	18	34	52
Polk	39,074	19,878	12,882	32,760	1,893	1,801	3,694
St. Lucie	28,319	4,634	5,343	9,977	5,876	11,679	17,555
Sarasota	731	257	259	516	36	138	174
Seminole	391	280	61	341	-	8	8
Volusia	431	291	52	343	26	49	75
Other <sup>4/</sup>	121	85	12	97	1	10	11
<b>TOTAL</b>	<b>287,030</b>	<b>128,000</b>	<b>102,000</b>	<b>230,000</b>	<b>18,900</b>	<b>27,800</b>	<b>46,700</b>
Indian River	52,754	10,000	10,100	20,100	12,200	19,200	31,400
Northern	15,499	10,908	2,618	13,526	84	394	478
Central	76,289	35,992	30,082	66,074	3,416	2,806	6,222
Western	68,232	41,200	24,500	65,700	600	700	1,300
Southern	74,256	29,900	34,700	64,600	2,600	4,700	7,300
<b>TOTAL</b>	<b>287,030</b>	<b>128,000</b>	<b>102,000</b>	<b>230,000</b>	<b>18,900</b>	<b>27,800</b>	<b>46,700</b>

<sup>1/</sup> Excludes limes and lemons. <sup>2/</sup> Includes seedy grapefruit. <sup>3/</sup> Fallglo, Sunburst, Robinson, and Dancy varieties.

<sup>4/</sup> Alachua, Broward, Citrus, Pinellas, and Putnam.

# PRODUCTION BY COUNTIES

Tangerines			Temples	Tangelos	K-Early Citrus
Early <sup>3/</sup>	Honey	All			
55	8	63	13	23	1
179	55	234	13	42	-
79	113	192	50	17	-
141	120	261	13	83	-
39	42	81	-	7	-
171	107	278	15	100	-
139	398	537	174	131	-
12	-	12	-	2	-
401	257	658	369	173	-
119	75	194	13	70	-
100	66	166	65	75	-
728	63	791	10	198	18
40	31	71	2	18	-
22	45	67	23	71	-
45	-	45	-	4	1
44	35	79	91	99	-
46	21	67	11	28	-
154	15	169	7	48	-
80	24	104	59	39	3
58	119	177	203	57	-
93	19	112	4	13	-
1,345	432	1,777	195	641	7
222	198	420	208	159	-
7	4	11	11	19	-
16	1	17	-	25	-
7	1	8	-	5	-
8	1	9	1	3	-
<b>4,350</b>	<b>2,250</b>	<b>6,600</b>	<b>1,550</b>	<b>2,150</b>	<b>30</b>
382	276	658	326	269	1
1,063	99	1,162	21	293	19
1,815	702	2,517	620	846	10
460	351	811	76	345	-
630	822	1,452	507	397	-
<b>4,350</b>	<b>2,250</b>	<b>6,600</b>	<b>1,550</b>	<b>2,150</b>	<b>30</b>

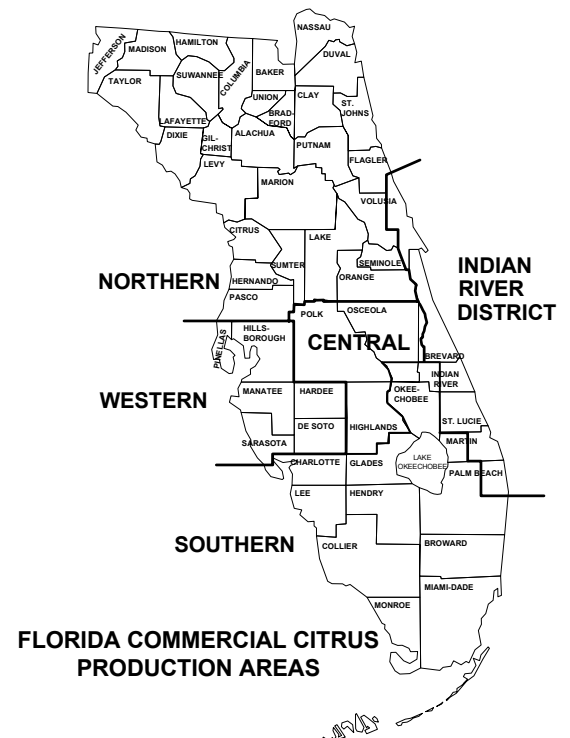
Total citrus production (excluding limes and lemons) increased 3.1 percent in the 2001-02 season. Four of the production areas recorded increases ranging from 3-15 percent but production fell 11 percent in the Southern area. The Central, Western, and Southern areas produced three-fourths of the crop and the Northern area contributed 5 percent. Citrus production by Marketing District follows: Indian River, 52.8 million boxes, 18 percent; Gulf, 57.2 million boxes, 20 percent; and SunRidge, 177.0 million boxes, 62 percent.

Production declined in each county in the Southern area which includes the Gulf Citrus District (Charlotte, Collier, Glades, Hendry, and Lee) but rose in almost all of the other counties. Polk County leads with 39.1 million boxes of citrus and is the top orange, tangerine, and tangelo producer. Henry ranks second with 32.2 million boxes and leads in Valencia oranges and Temples. Highlands, St. Lucie, and DeSoto round out the top five counties.

St. Lucie continues to lead in grapefruit production with 17.6 million boxes followed by Indian River with 12.1 million boxes. Together they account for 64 percent of the Florida grapefruit. Forty percent of the grapefruit crop was white and 60 percent colored.

Polk produced 25 percent of the specialty crops. Sixty percent of the K-Early Citrus was harvested in Lake which was second in production of tangerines and tangelos. St. Lucie and Palm Beach each produced over 200,000 boxes of Temples.

Estimates of county production are prepared from objective survey data used in forecasting citrus crop production. The apportionment of final harvest to the counties is based on bearing trees from the biennial Commercial Census Inventory; the limb count survey, which provides an estimate of the average fruit per tree; and the drop and size surveys, which provide estimates of the amount of fruit on the tree available at harvest, and the size of the fruit at that time. The size of the samples used in these surveys and the distribution of the sample groves around the state are chosen to minimize the error in the state level forecast of production. For this reason, county estimates of production are not to be considered as accurate as state or area level estimates.



## BOXES OF FRUIT PER TREE

The Florida Agricultural Statistics Service conducts objective surveys to determine fruit per tree, average sizes, and droppage between August and maturity. These data are used to estimate production per tree for each of four types of citrus fruit, as shown in the following tables.

The estimates of production per tree are based on official end-of-season production estimates and the number of bearing trees indicated by the citrus tree inventory surveys. The averages

of boxes per tree for age groups shown are calculated from estimates of fruit per tree in August, size at maturity, and drop between August and maturity.

Additionally, the boxes are subdivided by production areas. Estimated boxes by types and age groups are weighted averages of the indicated seasons. Small sample sizes in some age/area cells and rounding may contribute to inconsistent averages.

**FLORIDA CITRUS:** Estimated boxes of fruit per tree by age groups and production areas, 1997-98 through 2001-02

Fruit type and season	Area	Age of trees					Average, weighted by bearing trees
		3 - 5 years	6 - 8 years	9 - 13 years	14 - 23 years	24 years and older	
Boxes per tree							
EARLY AND MIDSEASON ORANGES: (Includes Navels)							
1997-98	State	1.3	2.7	3.8	4.8	5.3	3.51
	Indian River	0.9	1.3	2.7	3.4	2.7	2.32
	Northern & Central	1.4	3.1	4.2	6.3	7.6	3.97
	Western	1.5	3.6	4.2	5.6	6.1	4.46
	Southern	1.1	1.9	3.4	3.6	3.6	2.65
1998-99	State	0.8	1.9	2.9	3.8	4.2	2.79
	Indian River	0.4	1.4	2.1	2.5	2.7	2.05
	Northern & Central	1.1	2.0	2.6	4.8	4.6	2.78
	Western	0.8	2.2	3.4	4.2	4.9	3.48
	Southern	0.6	1.8	2.8	3.3	3.6	2.48
1999-00	State	0.9	2.1	3.4	4.7	5.2	3.45
	Indian River	0.5	1.9	2.1	2.4	3.0	2.22
	Northern & Central	1.0	2.3	3.9	5.3	7.4	3.90
	Western	0.7	1.9	3.9	5.4	5.6	4.15
	Southern	1.1	2.0	2.7	4.3	4.0	2.82
2000-01	State	1.0	2.0	3.2	4.2	4.6	3.33
	Indian River	0.8	1.3	1.8	2.5	2.8	2.08
	Northern & Central	1.4	2.4	3.2	5.0	5.0	3.56
	Western	0.8	1.7	3.3	4.2	5.4	3.71
	Southern	0.9	2.0	3.3	4.2	4.4	3.23
2001-02	State	1.4	1.8	3.0	4.2	5.2	3.50
	Indian River	0.8	1.4	1.8	3.0	3.5	2.44
	Northern & Central	0.9	2.2	3.4	4.9	6.5	3.95
	Western	2.2	1.7	3.2	4.7	5.6	4.10
	Southern	1.2	1.6	2.8	3.3	4.2	2.82
Average	State	1.08	2.17	3.23	4.30	4.89	3.31
	Indian River	0.69	1.48	2.10	2.73	2.93	2.22
	Northern & Central	1.23	2.45	3.45	5.17	6.24	3.62
	Western	1.24	2.41	3.61	4.77	5.51	3.98
	Southern	0.98	1.89	2.98	3.71	3.94	2.80

**FLORIDA CITRUS:** Estimated boxes of fruit per tree by age groups and  
production areas, 1997-98 through 2001-02

Fruit type and season	Area	Age of trees					Average, weighted by bearing trees
		3 - 5 years	6 - 8 years	9 - 13 years	14 - 23 years	24 years and older	
Boxes per tree							
LATE (VALENCIA) ORANGES:							
1997-98	State	1.1	2.2	2.6	3.8	4.9	2.69
	Indian River	1.0	1.7	2.1	2.2	3.2	2.14
	Northern & Central	1.1	2.4	3.1	5.1	7.1	3.40
	Western	1.5	3.9	3.1	4.2	4.9	3.59
	Southern	0.9	1.6	2.3	3.5	3.7	2.01
1998-99	State	0.8	1.5	1.9	2.2	3.2	1.87
	Indian River	0.8	0.7	1.4	1.8	1.6	1.29
	Northern & Central	0.7	1.7	2.0	2.8	4.4	2.24
	Western	1.3	2.3	2.5	1.9	3.2	2.43
	Southern	0.6	1.3	1.7	1.9	3.5	1.58
1999-00	State	0.9	1.7	2.4	3.1	4.5	2.48
	Indian River	0.5	1.7	2.1	2.2	2.9	2.08
	Northern & Central	0.5	1.6	2.6	4.1	6.2	2.87
	Western	1.6	1.6	3.1	3.8	4.6	3.06
	Southern	1.1	1.7	2.2	2.4	3.8	2.11
2000-01	State	0.9	1.7	2.3	2.7	3.7	2.32
	Indian River	0.5	1.1	1.8	1.8	2.3	1.68
	Northern & Central	1.1	1.8	2.4	2.8	4.8	2.58
	Western	1.2	2.6	2.6	3.9	3.3	2.73
	Southern	0.7	1.6	2.2	2.7	4.0	2.18
2001-02	State	0.9	1.7	2.4	2.8	4.5	2.49
	Indian River	0.5	1.4	1.5	2.3	2.8	1.80
	Northern & Central	0.9	1.5	2.6	3.6	5.5	2.90
	Western	0.8	2.6	3.2	3.3	4.7	3.04
	Southern	1.1	1.5	2.1	2.4	4.4	2.16
Average	State	0.93	1.77	2.29	2.89	4.16	2.37
	Indian River	0.70	1.33	1.76	2.07	2.56	1.80
	Northern & Central	0.88	1.84	2.50	3.60	5.63	2.79
	Western	1.22	2.69	2.87	3.41	4.12	2.96
	Southern	0.88	1.53	2.10	2.55	3.88	2.01

**FLORIDA CITRUS:** Estimated boxes of fruit per tree by age groups and  
production areas, 1997-98 through 2001-02

Fruit type and season	Area	Age of trees					Average, weighted by bearing trees
		3 - 5 years	6 - 8 years	9 - 13 years	14 - 23 years	24 years and older	

*Boxes per tree*

**WHITE GRAPEFRUIT:**

1997-98 <sup>1/</sup>	<b>State</b>	<b>1.3</b>	<b>3.3</b>	<b>4.1</b>	<b>6.3</b>	<b>4.2</b>	<b>3.74</b>
	Indian River	0.8	3.2	4.1	6.1	3.9	3.53
	Northern & Central	0.9	3.4	4.7	10.0	9.2	5.59
	Western	6.8	6.8	6.8	8.2	6.1	6.61
	Southern	2.3	3.6	1.8	2.0	3.3	3.04
1998-99	<b>State</b>	<b>1.5</b>	<b>3.1</b>	<b>4.2</b>	<b>4.8</b>	<b>5.0</b>	<b>4.05</b>
	Indian River	1.3	3.3	4.2	4.1	4.9	4.01
	Northern & Central	3.1	2.2	4.8	9.5	8.1	5.23
	Western	1.6	7.1	4.7	1.6	5.5	4.41
	Southern	1.6	2.4	3.7	4.8	4.2	3.40
1999-00	<b>State</b>	<b>1.3</b>	<b>3.1</b>	<b>4.6</b>	<b>5.2</b>	<b>6.3</b>	<b>4.82</b>
	Indian River	1.4	2.9	4.1	4.7	5.9	4.50
	Northern & Central	0.2	2.5	5.0	7.9	12.3	6.44
	Western	1.5	4.4	2.4	4.7	5.4	4.00
	Southern	1.4	3.9	7.0	4.9	6.3	5.56
2000-01 <sup>2/</sup>	<b>State</b>	<b>2.2</b>	<b>2.9</b>	<b>3.8</b>	<b>7.1</b>	<b>5.4</b>	<b>4.39</b>
	Indian River	2.1	2.7	3.6	7.7	5.2	4.23
	Northern & Central	0.9	3.3	4.8	8.5	9.4	6.15
	Western	4.8	3.1	2.5	4.6	5.6	4.59
	Southern	0.4	3.1	3.9	2.7	4.4	3.78
2001-02 <sup>2/</sup>	<b>State</b>	<b>1.3</b>	<b>3.3</b>	<b>3.6</b>	<b>7.0</b>	<b>5.8</b>	<b>4.56</b>
	Indian River	1.2	3.1	3.4	5.2	5.5	4.15
	Northern & Central	1.3	3.1	4.2	11.8	10.5	7.31
	Western	4.0	3.1	0.6	3.0	5.0	3.73
	Southern	1.5	4.4	4.2	6.1	5.1	4.63
Average	<b>State</b>	<b>1.48</b>	<b>3.16</b>	<b>3.99</b>	<b>6.07</b>	<b>5.31</b>	<b>4.30</b>
	Indian River	1.32	3.11	3.78	5.51	5.01	4.07
	Northern & Central	1.27	2.83	4.65	9.97	9.87	6.15
	Western	3.22	4.55	3.09	4.62	5.48	4.60
	Southern	1.89	3.34	4.48	3.99	4.55	4.01

<sup>1/</sup> Excludes 5.0 million boxes of economic abandonment. <sup>2/</sup> Includes seedy grapefruit.

**FLORIDA CITRUS:** Estimated boxes of fruit per tree by age groups and  
production areas, 1997-98 through 2001-02

Fruit type and season	Area	Age of trees					Average, weighted by bearing trees
		3 - 5 years	6 - 8 years	9 - 13 years	14 - 23 years	24 years and older	

*Boxes per tree*

**COLORED GRAPEFRUIT:**

1997-98 <sup>1/</sup>	<b>State</b>	<b>2.2</b>	<b>2.7</b>	<b>4.1</b>	<b>5.2</b>	<b>5.0</b>	<b>3.69</b>
	Indian River	2.0	3.0	3.8	4.8	5.1	3.81
	Northern & Central	0.8	3.0	5.2	8.6	7.9	3.86
	Western	1.2	4.6	5.9	1.2	6.9	4.18
	Southern	3.4	1.9	4.0	8.3	2.6	3.22
1998-99	<b>State</b>	<b>1.7</b>	<b>3.2</b>	<b>3.5</b>	<b>4.7</b>	<b>4.8</b>	<b>3.68</b>
	Indian River	0.9	3.2	3.3	4.6	4.6	3.60
	Northern & Central	1.6	3.7	4.2	5.6	7.0	4.07
	Western	2.0	2.3	6.8	1.4	5.3	4.31
	Southern	4.7	3.0	3.2	6.5	5.4	3.67
1999-00	<b>State</b>	<b>1.4</b>	<b>2.9</b>	<b>4.2</b>	<b>5.3</b>	<b>5.7</b>	<b>4.17</b>
	Indian River	1.4	2.3	3.5	4.9	5.4	3.92
	Northern & Central	1.0	3.4	6.0	13.2	10.0	5.98
	Western	3.6	2.2	6.1	1.3	5.7	4.40
	Southern	1.0	3.5	4.9	5.9	5.9	4.22
2000-01 <sup>2/</sup>	<b>State</b>	<b>1.7</b>	<b>3.1</b>	<b>3.4</b>	<b>4.4</b>	<b>4.6</b>	<b>3.71</b>
	Indian River	1.4	2.1	3.2	4.3	4.5	3.52
	Northern & Central	4.6	2.9	4.2	6.6	6.9	4.43
	Western	0.8	0.7	3.9	0.5	4.5	2.50
	Southern	2.4	5.6	3.5	4.6	5.1	4.25
2001-02	<b>State</b>	<b>2.0</b>	<b>2.3</b>	<b>3.9</b>	<b>4.7</b>	<b>5.2</b>	<b>4.13</b>
	Indian River	2.1	1.9	3.6	4.8	5.2	4.06
	Northern & Central	1.7	3.6	4.8	7.2	6.5	5.14
	Western	0.8	2.4	3.9	0.6	5.4	3.11
	Southern	1.7	3.4	4.3	3.6	5.2	4.07
Average	<b>State</b>	<b>1.92</b>	<b>2.88</b>	<b>3.82</b>	<b>4.87</b>	<b>5.07</b>	<b>3.87</b>
	Indian River	1.56	2.62	3.46	4.68	4.95	3.78
	Northern & Central	1.27	3.30	4.83	8.08	7.67	4.68
	Western	1.69	2.44	5.26	0.93	5.61	3.73
	Southern	3.30	3.21	3.96	5.81	4.75	3.84

<sup>1/</sup> Excludes 1.0 million boxes of economic abandonment. <sup>2/</sup> Excludes 2.0 million boxes of economic abandonment.

**FLORIDA CITRUS PRICES:** Season average on-tree prices and equivalent returns per box received by growers,  
by varieties and utilization from crop years 1999-00, 2000-01, and 2001-02 <sup>1/</sup>

Type of fruit by seasons	Methods of sale			Type of fruit by seasons	Methods of sale		
	Fresh	Processing	All		Fresh	Processing	All
<i>Dollars per box</i>				<i>Dollars per box</i>			
<b>ORANGES:</b>				<b>GRAPEFRUIT:</b>			
Navel				Seedy			
1999-00	6.45	0.33	4.40	1999-00	<sup>3/</sup>	2.96	2.96
2000-01	4.50	-0.50	3.10	2000-01	--	--	--
2001-02	4.80	-0.98	3.14	2001-02	--	--	--
Early-Midseason (excluding Navel)				White Seedless			
1999-00	4.35	3.09	3.12	1999-00	9.78	2.35	3.87
2000-01	3.30	2.57	2.59	2000-01 <sup>4/</sup>	6.53	0.87	2.07
2001-02	3.70	2.39	2.42	2001-02 <sup>4/</sup>	6.54	0.90	1.95
Early-Midseason-Navel				Colored Seedless			
1999-00	5.55	3.07	3.19	1999-00	5.52	1.60	3.31
2000-01	4.00	2.53	2.60	2000-01	4.30	0.29	2.28
2001-02	4.30	2.36	2.46	2001-02	4.89	-0.54	2.17
Valencia				All Grapefruit			
1999-00	4.95	4.31	4.33	1999-00	6.52	1.98	3.53
2000-01	4.80	3.99	4.02	2000-01	4.81	0.59	2.19
2001-02	4.90	3.96	3.99	2001-02	5.23	0.21	2.08
All Oranges				<b>TANGELOS</b>			
1999-00	5.37	3.60	3.67	1999-00	5.55	1.00	2.52
2000-01	4.29	3.16	3.21	2000-01	3.60	0.00	1.27
2001-02	4.50	3.08	3.14	2001-02	6.20	0.53	2.37
<b>TANGERINES:</b>				<b>K-EARLY CITRUS FRUIT</b>			
Early <sup>2/</sup>				1999-00	5.35	-0.13	0.62
1999-00	9.50	1.02	6.15	2000-01	4.60	-0.70	2.10
2000-01	8.50	-3.30	4.93	2001-02	4.50	0.20	1.07
2001-02	11.20	-1.17	6.76	<b>LEMONS</b>			
Honey				1999-00	--	--	1.20
1999-00	10.40	1.30	7.45	2000-01	--	--	3.50
2000-01	14.50	-0.02	9.05	2001-02	--	--	3.50
2001-02	15.20	0.06	9.57	<b>LIMES</b>			
All Tangerines				1999-00	14.00	-2.72	11.21
1999-00	9.90	1.11	6.66	2000-01	14.00	-2.70	12.00
2000-01	10.50	-1.93	6.40	2001-02	8.15	-3.60	6.19
2001-02	12.50	-0.74	7.69	<b>LIMES</b> <i>Dollars per bushel</i>			
<b>TEMPLES</b>				1999-00	8.75	-1.70	7.01
1999-00	5.60	1.66	2.55	2000-01	8.75	-1.69	7.50
2000-01	5.10	0.90	2.05	2001-02	5.09	-2.25	3.87
2001-02	5.30	1.19	2.28				

<sup>1/</sup> 1999-00 and 2000-01 revised to reflect final payments in cooperative and participation plans and changes in pick, haul and packing charges. 2001-02 preliminary price based on cash sales only. <sup>2/</sup> Robinson, Fallglo, Sunburst, and Dancy varieties. <sup>3/</sup> Fresh sales negligible. <sup>4/</sup> Includes seedy grapefruit.

### BEARING TREES

Tree numbers shown below are forecast trees of bearing age for the 2001-02 season. Total bearing trees decreased from the previous season with the largest losses in colored grapefruit and early-midseason-Navel oranges. With trees maturing, population increases occurred in Age 3 (9-13 years) and Age 4 (14-23 years). Corresponding decreases in younger

trees were noted for each of the fruit types listed except the youngest Valencia oranges. Bearing trees in the oldest category declined from the previous season. Unidentified trees of bearing age are prorated to identified types by year in which set. Most of these are first year bearing trees which will be identified in the field during the next tree census.

**FLORIDA ORANGES AND GRAPEFRUIT:** Estimated trees of bearing age by age group,  
year set, and type, for the 2001-02 season

Fruit type	Age 1 1996-98	Age 2 1993-95	Age 3 1988-92	Age 4 1978-87	Age 5 1977 and earlier	Total bearing trees
<i>1,000 trees</i>						
Early-Midseason-Navel Oranges	2,555	3,424	13,998	10,831	5,809	36,617
Valencia Oranges	4,805	4,588	17,713	8,486	5,387	40,979
White Grapefruit	276	427	1,438	285	1,716	4,142
Colored Grapefruit	255	679	2,902	1,612	1,280	6,728